



PATENT
ATTORNEY DOCKET NO. 50154/003001

Certificate of Mailing: Date of Deposit: May 18, 2007

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to: Attn: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Juliann Raymond

Printed name of person mailing correspondence

Juliann Raymond

Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jeffrey A. Hubbell et al. Art Unit: 1637
Serial No.: 09/586,937 Examiner: J. Riley
Filed: June 2, 2000 Customer No.: 21559
Patent No.: 6,958,212 B1
Issued: October 25, 2005
Title: CONJUGATE ADDITION REACTIONS FOR THE CONTROLLED
DELIVERY OF PHARMACEUTICALLY ACTIVE COMPOUNDS

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
MAY 25 2007
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Applicant hereby requests that a Certificate of Correction be issued in the patent identified above. The errors to be corrected are of a minor, typographical nature, occurred in good faith, and are described in detail on the enclosed PTO Form 1050.

05/22/2007 TBESHAKH 00000050 6958212

Enclosed is a check for \$100.00 in payment of the fee set forth in

100.00 DP

37 C.F.R. § 1.20(a).

MAY 25 2007

If there are any other charges or any credits, please apply them to Deposit Account

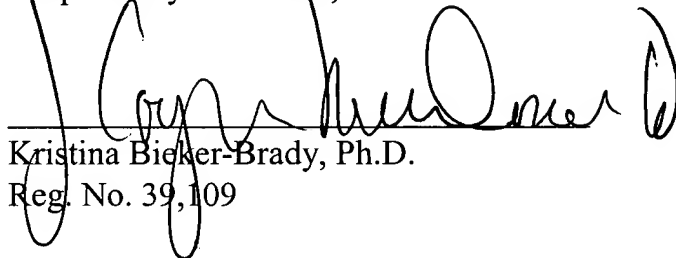
No. 03-2095.

Date:

May 18, 2007

Clark & Elbing LLP
101 Federal Street
Boston, MA 02110
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Respectfully submitted,



Kristina Bieker-Brady, Ph.D.
Reg. No. 39,109

J. Cooper McDonald, Ph.D. Reg. No. 52,011
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MAY 25 2007

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. 6,958,212 B1
 DATED October 25, 2005
 INVENTORS Hubbell et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the cover sheet, under OTHER PUBLICATIONS, insert

--Aida et al., "Zinc N-substituted Porphyrins as Novel Initiators for the Living and Immortal Polymerizations of Episulfide," *Macromolecules*, 23:3887-3892 (1990).
 Blume et al., "Specific Targeting with Poly(ethylene glycol)-modified Liposomes: Coupling of Homing Devices to the Ends of the Polymeric Chains Combines Effective Target Binding with Long Circulation Times," *Biochim. Biophys. Acta.*, 1149:180-184 (1993).
 Booth et al., "Effects of Block Architecture and Composition on the Association Properties of Poly(oxyalkylene) Copolymers in Aqueous Solution," *Macromol. Chem. Rapid Commun.*, 21:501-527 (2000).
 Discher et al., "Polymersomes: Tough Vesicles Made from Diblock Copolymers," *Science*, 284:1143-1146 (1999).
 Gabizon, "Targeting Folate Receptor with Folate Linked to Extremities of Poly(ethylene glycol)-Grafted Liposomes: In Vitro Studies," *Bioconjugate Chem.*, 10:289-298 (1999)
 Inoue et al., "Gene Therapy of Human Bladder Cancer with Adenovirus-mediated Antisense Basic Fibroblast Growth Factor," *Clinical Cancer Research*, 6:4422-4431 (2000).
 Lasic et al., ed. *Stealth Liposomes*, Chapters 2, 4, and 9, CRC Press: Boca Raton, FL, (1995).
 Mortensen, "Block Copolymer in Aqueous Solution: Micelle Formation and Hard-sphere Crystallization," *Prog. Colloid. Polym. Sci.*, 93:72-75 (1993).
 Torchilin et al., "Poly(ethylene glycol) on the Liposome Surface: on the Mechanism of Polymer-coated Liposome Longevity," *Biochim. Biophys. Acta.* 1195:11-20 (1994).

(Correction continued on next page)

MAILING ADDRESS OF SENDER:
 Kristina Bieker-Brady, Ph.D.
 Clark & Elbing LLP
 101 Federal Street
 Boston, MA 02110
 Customer No.: 21559
 SUBSTITUTE FORM PTO 1050

PATENT NO. 6,958,212 B1
 NO. ADDITIONAL COPIES
 @ 504 PER PAGE

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PATENT NO. 6,958,212 B1
 DATED October 25, 2005
 INVENTORS Hubbell et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(Correction continued from previous sheet)

-- Watanabe et al., "First Example of Photoinduced Copolymerization Enhancement. Copolymerization of Epoxide and Episulfide Initiated with Zinc N-substituted Porphyrin under Visible Light Irradiation," *Macromolecules*, 24:3970-3972 (1991).
 Won, "Giant Wormlike Rubber Micelles" *Science*, 283:960-963, (1999).
 Yu et al., "Bilayer Morphologies of Self-assembled Crew-cut Aggregates of Amphiphilic PS-b-PEO Diblock Copolymers in Solution," *Macromolecules*, 31:3509-3518, (1998).
 Zalipsky et al., "Peptide Attachment to Extremities of Liposomal Surface Grafted PEG Chains: Preparation of the Long-circulating Form of Laminin Pentapeptide, YIGSR," *Bioconjugate Chem.*, 6:705-708 (1995).
 Zalipsky, "Long-circulating, Polyethylene Glycol-grafted Immunoliposomes," *J. Controlled Release*, 39:153-161 (1996).--

Column 4, Line 27, replace "Preferred linker" with --Preferred linkers--.

Column 8, Line 54, replace "elqctrophilic" with --electrophilic--.

Column 10, Line 52, replace "Utilize" with --utilize--.

Column 11, Line 29, replace "collagnase" with --collagenase--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 20, Line 9, replace "crotonoate" with --crotonate--.

Column 24, Line 34, replace "pendantly" with --pendently--.

Column 29, Line 31, replace "pentaeritrol" with
--pentaerythritol--.

Column 33, Line 29, replace "hetheroatoms" with --heteroatoms--.

Column 50, Line 10, replace "bis-carbokyl" with --bis-carboxyl--.

Column 54, Line 56, replace "Bccton" with --Becton--.

Column 56,
Line 43, replace "60%acetonitrile" with --60%
acetonitrile--; and
Line 45, replace "acteonitrile" with --acetonitrile--.

Column 57, Line 26, replace "acteonitrile" with --acetonitrile--.

Column 64, Line 37, replace "coyalently" with --covalently--.

Column 66,
Line 27, replace "balance fixe" with --Blanc Fixe--; and
Line 34, replace "PEEGDA" with --PEGDA--.

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PATENT NO. 6,958,212 B1
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 69, Line 28, replace "borontrifluor etherate" with --boron trifluoride etherate--.

Column 70, Line 23, replace "ammionium" with --ammonium--.

Column 103, Line 59, replace "D-Y-(O)-CH_{2n}-S-U-P" with
 --D-Y-C(O)-(CH₂)_n-S-U-P-

Column 104, Line 57, replace "is O" with --Y is O--.

Column 105,
 Line 9, replace "poly(ethylene oxide-" with --poly(ethylene oxide)-";
 Line 33, replace "thiol-or" with --thiol- or--; and
 Line 63, replace "paclitaxel" with --paclitaxel,--.

Column 106,
 Line 23, replace "3° C." with --37° C.--;
 Line 27, replace "3° C." with --37° C.--;
 Line 31, replace "3° C." with --37° C.--;
 Line 35, replace "3° C." with --37° C.--;
 Line 46, replace "aqueuos" with --aqueous--;
 Line 49, replace "aqueuos" with --aqueous--; and
 Line 52, replace "aqueuos" with --aqueous--.

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Column 69, Line 28, replace "borontrifluor etherate" with --boron trifluoride etherate--.

Column 70, Line 23, replace "ammionium" with --ammonium--.

Column 103,

Line 59, replace "D-Y-(O)-CH_{2n}-S-U-P" with --D-Y-C(O)-(CH₂)_n-S-U-P-;

Line 61, replace "D-Y-C(O)-CH₂)₂-S-L-S-U-P" with --D-Y-C(O)-(CH₂)₂-S-L-S-U-P--; and

Line 62, replace "D-Y-C(O)-CH₂)₂-NH-L-S-CH₂-CH₂-CO-X-P" with - D-Y-C(O)-(CH₂)₂-NH-L-S-CH₂-CH₂-CO-X-P--.

Column 104,

Line 50, replace "D-Y-C(O)-CH₂)₂-S-L-NH-U-P" with --D-Y-C(O)-(CH₂)₂-S-L-NH-U-P--;

Line 57, replace "is O" with --Y is O--; and

Line 61, replace "L is the product of the addition of a nucleophilc" with -U is the product of the addition of a nucleophile--.

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INVENTORS Hubbell et al.

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Column 105,

Line 9, replace "poly(ethylene oxide-" with --poly(ethylene oxide)-";
Lines 13-14, replace "conjugated unsaturated activated" with --unsaturated groups are not activated--;
Line 22, replace "site growth factor binding site, protease binding site or" with --site, growth factor binding site, protease binding site, or--;
Line 33, replace "thiol-or" with --thiol- or-
Line 39, replace "conjugated addition reaction" with - conjugate addition reaction--; and
Line 63, replace "paclitaxel" with --paclitaxel,--.

Column 106,

Line 23, replace "3° C." with --37° C.--;
Line 27, replace "3° C." with --37° C.--;
Line 31, replace "3° C." with --37° C.--;
Line 35, replace "3° C." with --37° C.--;
Line 46, replace "aqueuos" with --aqueous--;
Line 49, replace "aqueuos" with --aqueous--;
Line 52, replace "aqueuos" with --aqueous--; and
Line 31, replace "said method of" with --said method--.

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Customer No.: 21559

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not included in published patent
(printed from PAIR)

Sheet 1 of 2

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50154/003001
		Serial No.	09/586,937
		Applicant	Hubbell et al.
		Filing Date	June 2, 2000
		Group	1637
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		IDS Filed	January 26, 2004
(37 C.F.R. § 1.98(b))			

U.S. PATENT DOCUMENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
	4,618,400	10/21/86	Wood			
	5,294,609	3/15/94	Iguchi et al.			
	5,529,914	6/25/96	Hubbell et al.			
	5,573,934	11/12/96	Hubbell et al.			
	5,575,815	11/19/96	Slepian et al.			
	5,612,390	3/18/97	Iguchi, et al.			
	5,801,033	9/1/98	Hubbell et al.			
	5,858,746	1/12/99	Hubbell et al.			
	2003-004468	3/6/2003	Cellesi et al.			
	2003-0059906	3/27/2003	Hubbell et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO 00/09087	24.2.00	WIPO			
	GB 1,348,045	13.3.74	United Kingdom			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
2	Aida et al., "Zinc N-substituted Porphyrins as Novel Initiators for the Living and Immortal Polymerizations of Episulfide," <i>Macromolecules</i> , 23:3887-3892 (1990).
	Blume et al., "Specific Targeting with Poly(ethylene glycol)-modified Liposomes: Coupling of Homing Devices to the Ends of the Polymeric Chains Combines Effective Target Binding with Long Circulation Times," <i>Biochim. Biophys. Acta.</i> , 1149:180-184 (1993).
M	Booth et al., "Effects of Block Architecture and Composition on the Association Properties of Poly(oxyalkylene) Copolymers in Aqueous Solution," <i>Macromol. Chem. Rapid Commun.</i> , 21:501-527 (2000).

EXAMINER	<i>Desler</i>	DATE CONSIDERED	9/28/04
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			

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Sheet 2 of 2

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50154/003001
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2	Discher et al., "Polymersomes: Tough Vesicles Made from Diblock Copolymers," Science, 284:1143-1146 (1999).
	Gabizon, "Targeting Folate Receptor with Folate Linked to Extremities of Poly(ethylene glycol)-Grafted Liposomes: In Vitro Studies," Bioconjugate Chem., 10:289-298 (1999)
	Inoue et al., "Gene Therapy of Human Bladder Cancer with Adenovirus-mediated Antisense Basic Fibroblast Growth Factor," Clinical Cancer Research, 6:4422-4431 (2000).
	Lasic et al., ed. Stealth Liposomes, Chapters 2, 4, and 9, CRC Press: Boca Raton, FL, (1995).
	Mortensen, "Block Copolymer in Aqueous Solution: Micelle Formation and Hard-sphere Crystallization," Prog. Colloid. Polym. Sci., 93:72-75 (1993).
	Torchilin et al., "Poly(ethylene glycol) on the Liposome Surface: on the Mechanism of Polymer-coated Liposome Longevity," Biochim. Biophys. Acta, 1195:11-20 (1994).
	Watanabe et al., "First Example of Photoinduced Copolymerizability Enhancement. Copolymerization of Epoxide and Epsulfide Initiated with Zinc N-substituted Porphyrin under Visible Light Irradiation," Macromolecules, 24:3970-3972 (1991).
	Won, "Giant Wormlike Rubber Micelles," Science, 283:960-963, (1999).
	Yu et al., "Bilayer Morphologies of Self-assembled Crew-cut Aggregates of Amphiphilic PS-b-PEO Diblock Copolymers in Solution," Macromolecules, 31:3509-3518, (1998).
	Zalipsky et al., "Peptide Attachment to Extremities of Liposomal Surface Grafted PEG Chains: Preparation of the Long-circulating Form of Laminin Pentapeptide, YIGSR," Bioconjugate Chem., 6:705-708 (1995).
M	Zalipsky, "Long-circulating, Polyethylene Glycol-grafted Immunoliposomes," J. Controlled Release, 39:153-161 (1996).

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